

The Phoenix Urban Renewal Coloring book

*Because we want to make our Phoenix beautiful
and we need everyone's help!*

Published by the Phoenix Urban Renewal



Applied for 2015

**Dream
Plan
Construct**

* Note from the Phoenix Garden Club:
"And, always be weeding!"

The Phoenix Urban Renewal Leadership

Director- Jim Sharp

Chairman- Al Muelhoffer

Committee members:

Chuck Reiling

Mike Kohn

City Council Members

Karen Jones

Terry Helfrich

Chris Luz

Assistant Director

Amy Stevenson

Phoenix Garden Club President

2015 Arlene Gray, Jan DeBritto, Diane Reisling

Butterfly's Story

Sandy Wine

Science Editor

Linda Kappen @ Applegate School
& Butterfly Habitat

Garden information

Kandy Scott

The Bee City USA, Phoenix Chapter

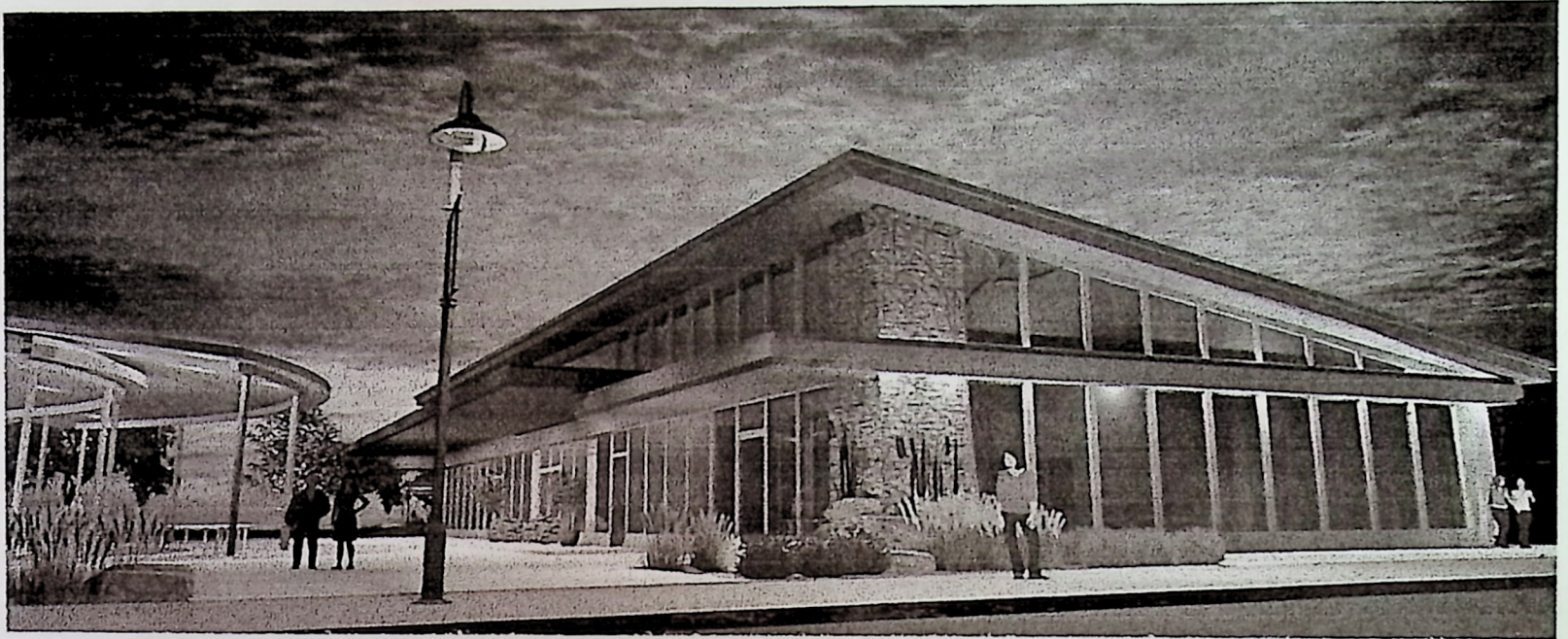
Chairman

Sharon Schmidt

Illustrator

Judith Karen





Phoenix Market Street Plaza

gallbraith

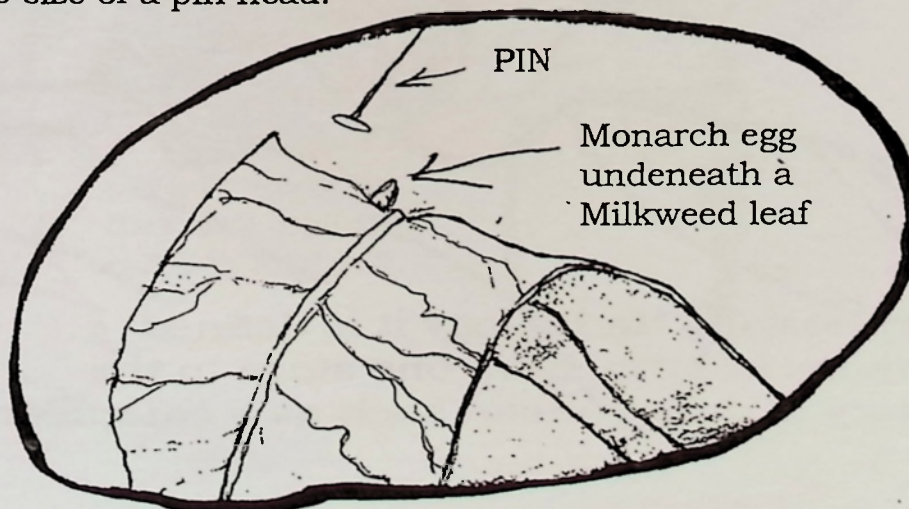
April 2015

Stages Start with a Dream

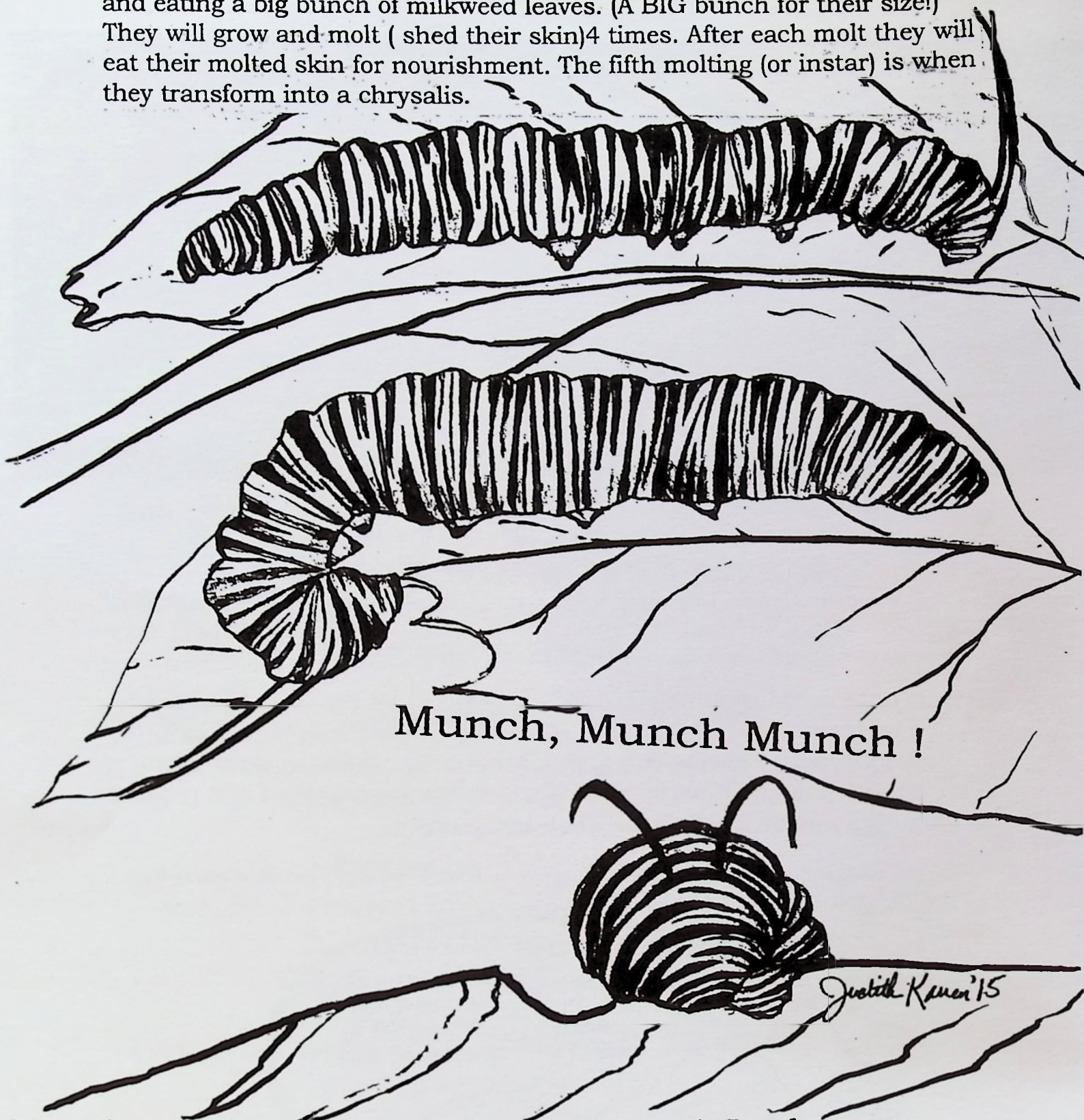
The Phoenix Urban Renewal Agency started with a dream for downtown Phoenix. They hired an Architect and to design their dream. Then, They lined up support and money to build their dream.

It is to be noted that the down town design is just the start. The start of four stages, just like the Monarch Butterfly's life is in four stages; Egg, Caterpillar, Chrysalis and finally butterfly. Both our downtown and the Monarch Butterfly go through stages to get to their end results: Beautiful and an asset to the whole community.

Some dreams, like the butterfly egg, start very small. The Monarch Egg is the size of a pin head.



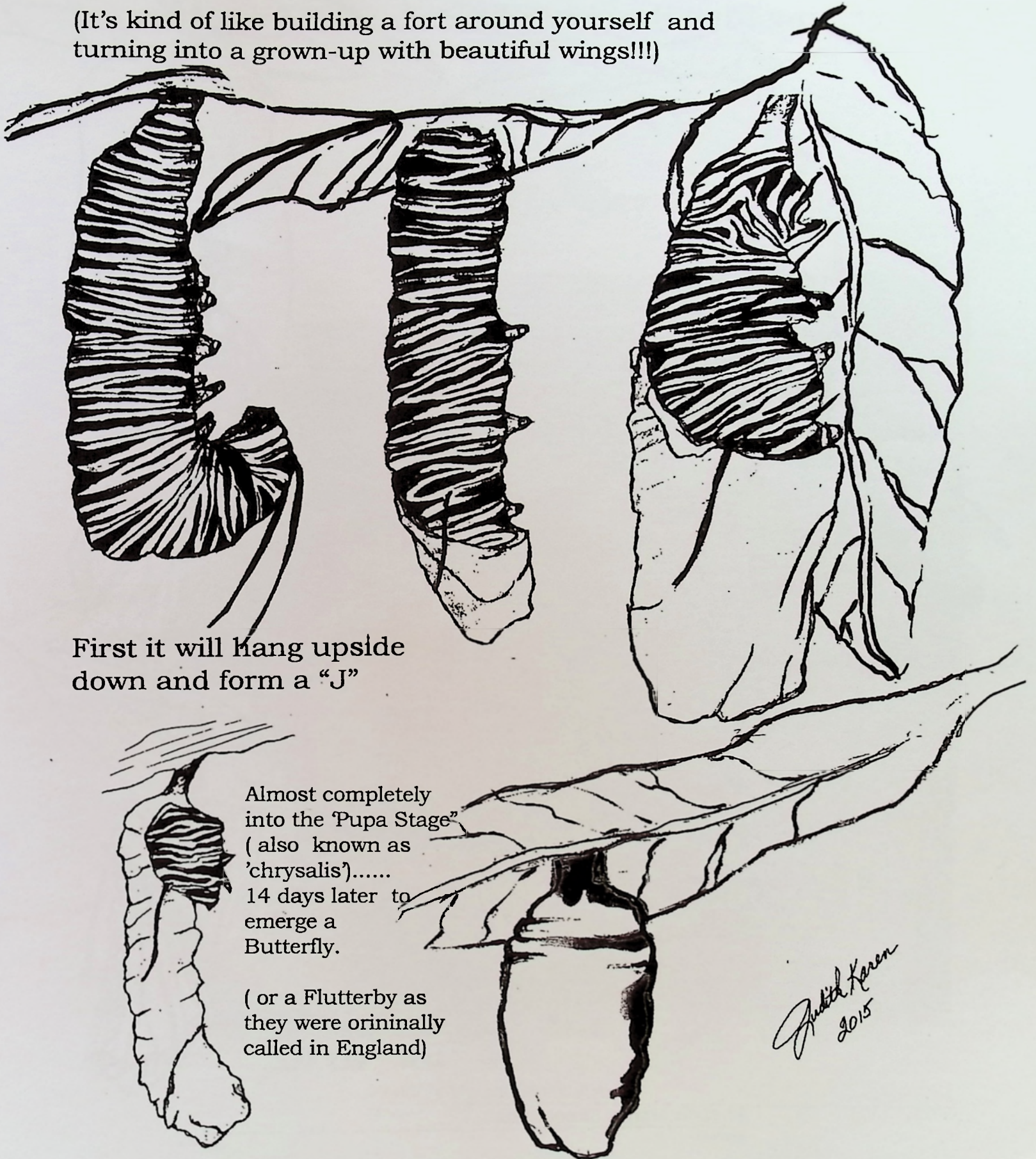
After the egg hatches, the caterpillars then eat their own eggshell, growing and eating a big bunch of milkweed leaves. (A BIG bunch for their size!) They will grow and molt (shed their skin) 4 times. After each molt they will eat their molted skin for nourishment. The fifth molting (or instar) is when they transform into a chrysalis.



What is Metamorphosis? "In Biology it is defined as a profound change in form from one stage to the next in the life story of an organism such as a caterpillar to a butterfly."

How the caterpillar (or larva) will enter the chrysalis stage.

(It's kind of like building a fort around yourself and turning into a grown-up with beautiful wings!!!)



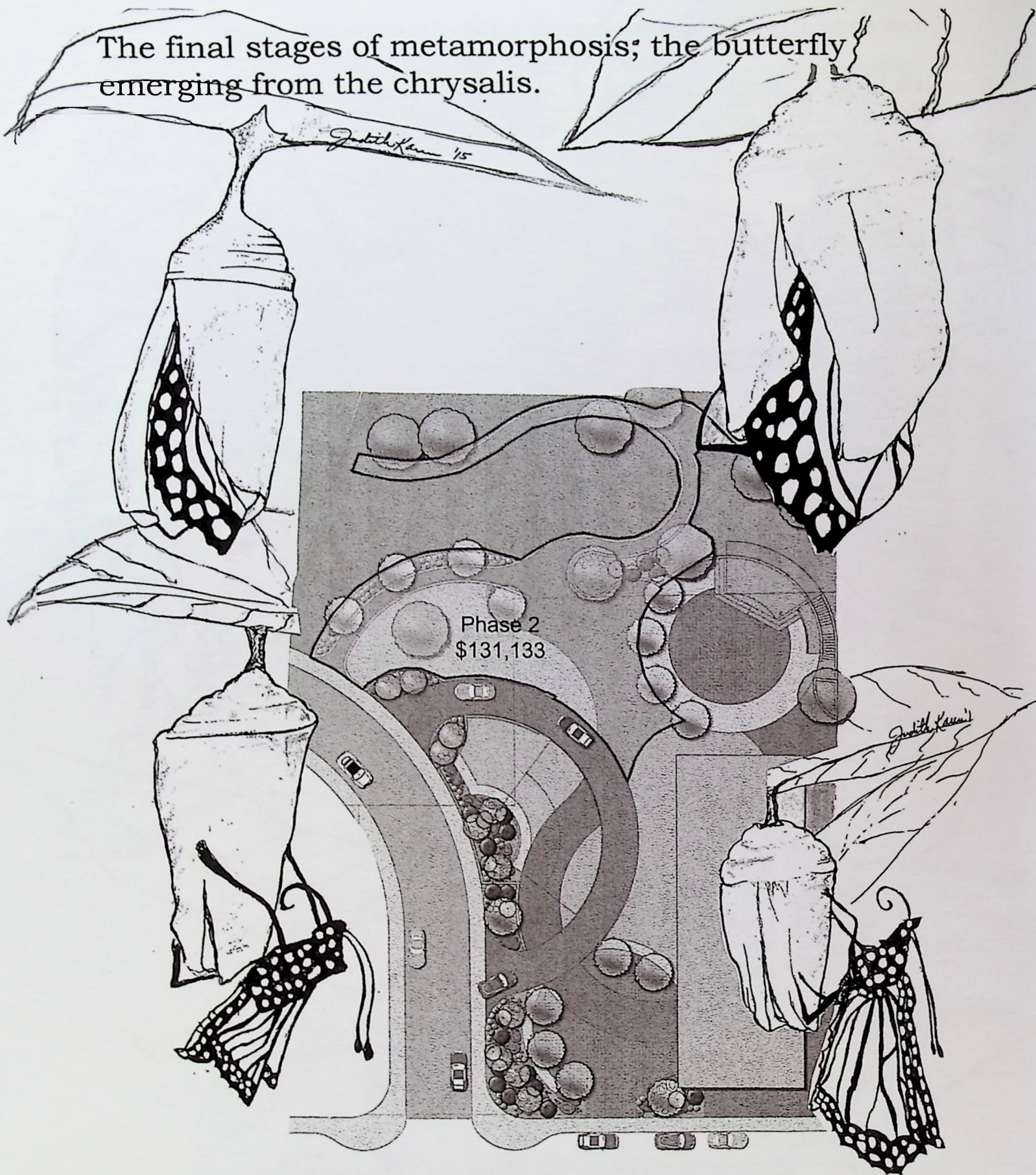
First it will hang upside down and form a "J"

Almost completely into the 'Pupa Stage' (also known as 'chrysalis')..... 14 days later to emerge a Butterfly.

(or a Flutterby as they were originally called in England)

Audith Karen
2015

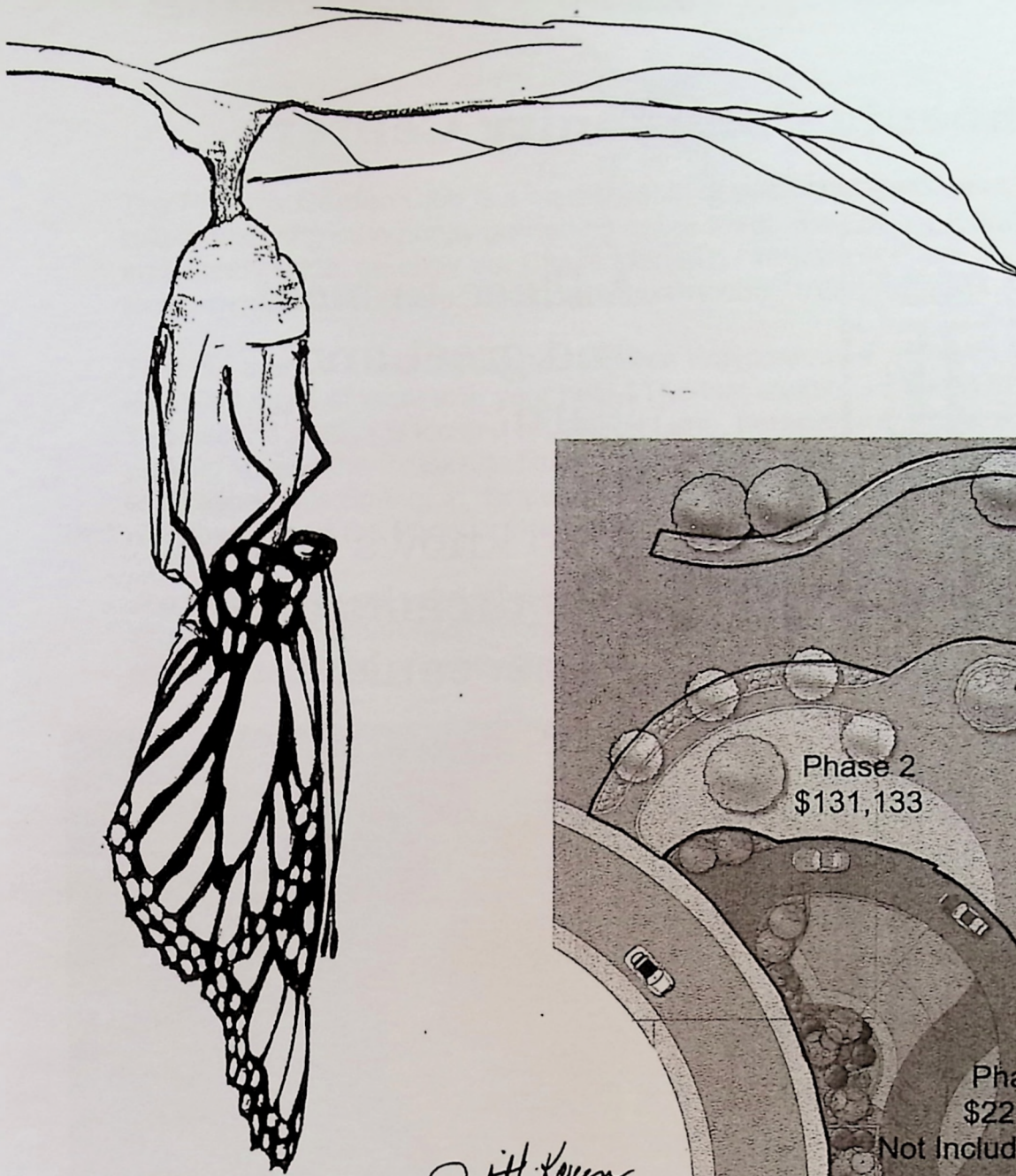
The final stages of metamorphosis; the butterfly emerging from the chrysalis.



Phoenix Market Street Plaza

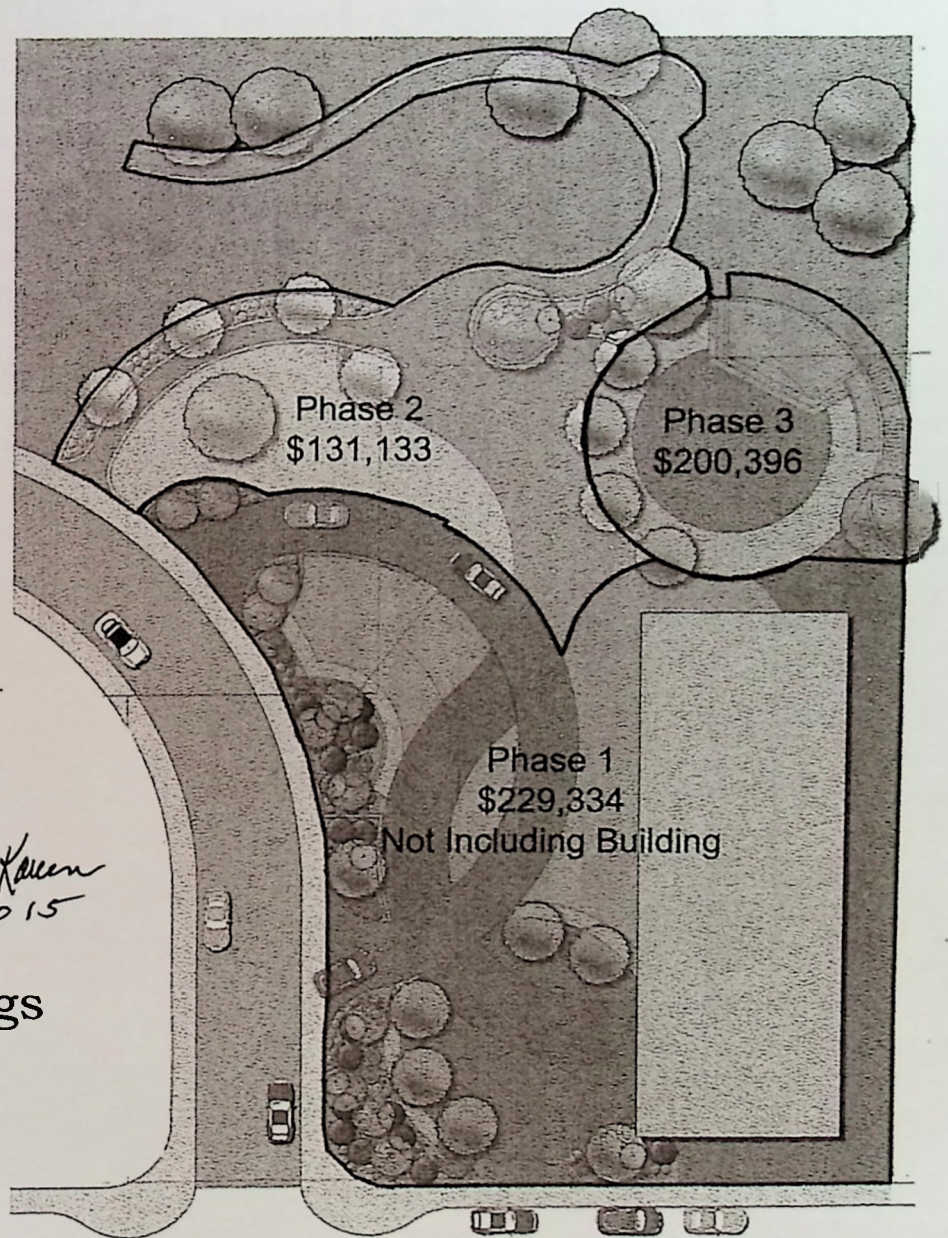
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April 2015



Judith Kallen
2015

Drying its' wings

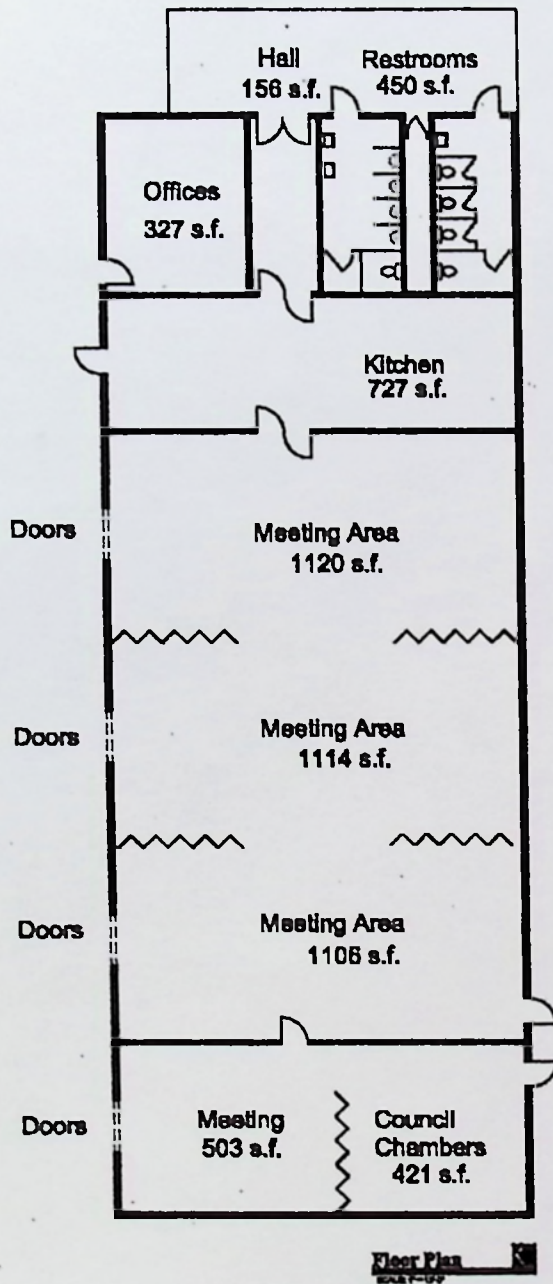


Phoenix Market Street Plaza

RA | Kallen

April 2015

The Phoenix Community Center



A Place to meet,
and greet and
learn.

Who knows what
new dreams and
plans could
arise?

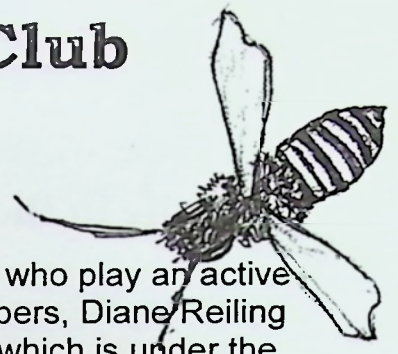
Common name: Monarch Butterfly
Scientific name: *Danaus Plexippus*
Named after a Mythical King of
Egypt and a son of Zeus



Ready to Fly!!

Judith K. Kuen '2015

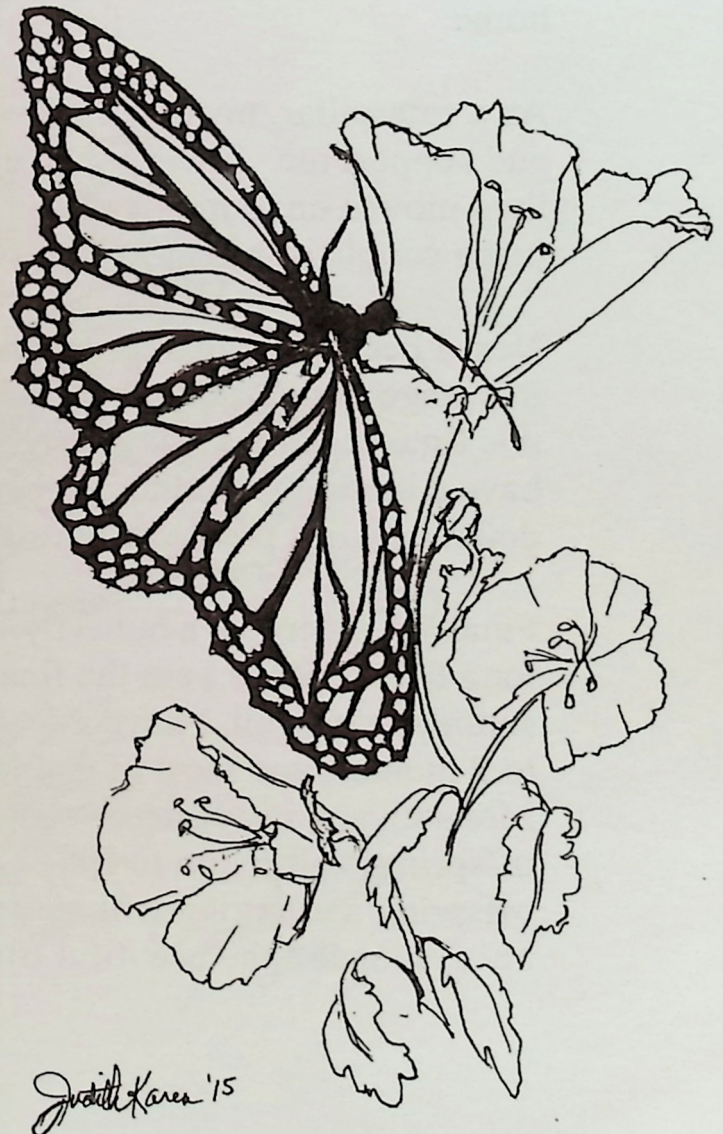
About the Phoenix Garden Club



The Phoenix Garden Club is a membership of dedicated gardeners, who play an active role in fostering community gardening in our town. Two of our members, Diane Reiling and Sandy Wine, co-chair our Club's Monarch Program in Phoenix, which is under the stewardship of Jim Sharp, Director of the Phoenix Urban Renewal Agency.

To date, there are two registered Monarch Waystations in Phoenix, and we hope to establish more of them with your help. The first station is located in Blue Heron Park. The second station is located on Cheryl Lane, between the Phoenix High School parking lot and the Brookside Rose Apartments. This second Waystation was newly established this Spring, in partnership with the Blue Heron Community Garden, the City of Phoenix, and the Phoenix Garden Club.

The website you will want to visit for more information on how to create a Monarch Waystation is Monarchwatch.org. If you need further assistance, please contact Diane reilingd@aol.com or Sandy sandrajwine@gmail.com.



My Life in the Amazing Stages of a Monarch Butterfly

By Sandy Wine

It's late summer, my time now to make the great journey to Southern California to my 'Over Winter Site'. The next generations will return to my birthplace in early-spring to place eggs on the milkweed plants in Blue Heron Park by summer. But I am getting ahead of my story. Let me start at the beginning:

I was born in Phoenix, hatched on a milkweed leaf, after only 4 days as an egg, late in August. I was a single 'child', mom laying her eggs one by one on many other leaves. I began my life eating through my eggshell for nourishment and then making this milkweed plant my home.

As a caterpillar, my new skin was soft, but it soon hardened to protect and support me. Then, I shed and ate my old skin for nourishment and then moved on to munching on plant food. I must do this five times in just a couple of weeks as I grow bigger and it is called "molting".

Next I became a pupa for another couple of weeks (a prettier name for this stage of me is a "chrysalis"). I did not move around very much at this time because I was on my way to becoming a butterfly. You would have a hard time finding me because I must camouflage myself to defend against predators during this time.

Finally, I emerged, a butterfly. I must gather nectar from flowers for my long flight. Since I am the final generation Monarch of late summer/early fall, I have a special mission. My generation can live up to 9 months, and most of that is in Southern California. I am a Western Monarch and my eastern-relatives journey to central Mexico. I, or my offspring, will return to Blue Heron Park in the spring to lay eggs. My offspring's offspring will make this same trip next Fall, so that we can always inhabit the beautiful Blue Heron Park.

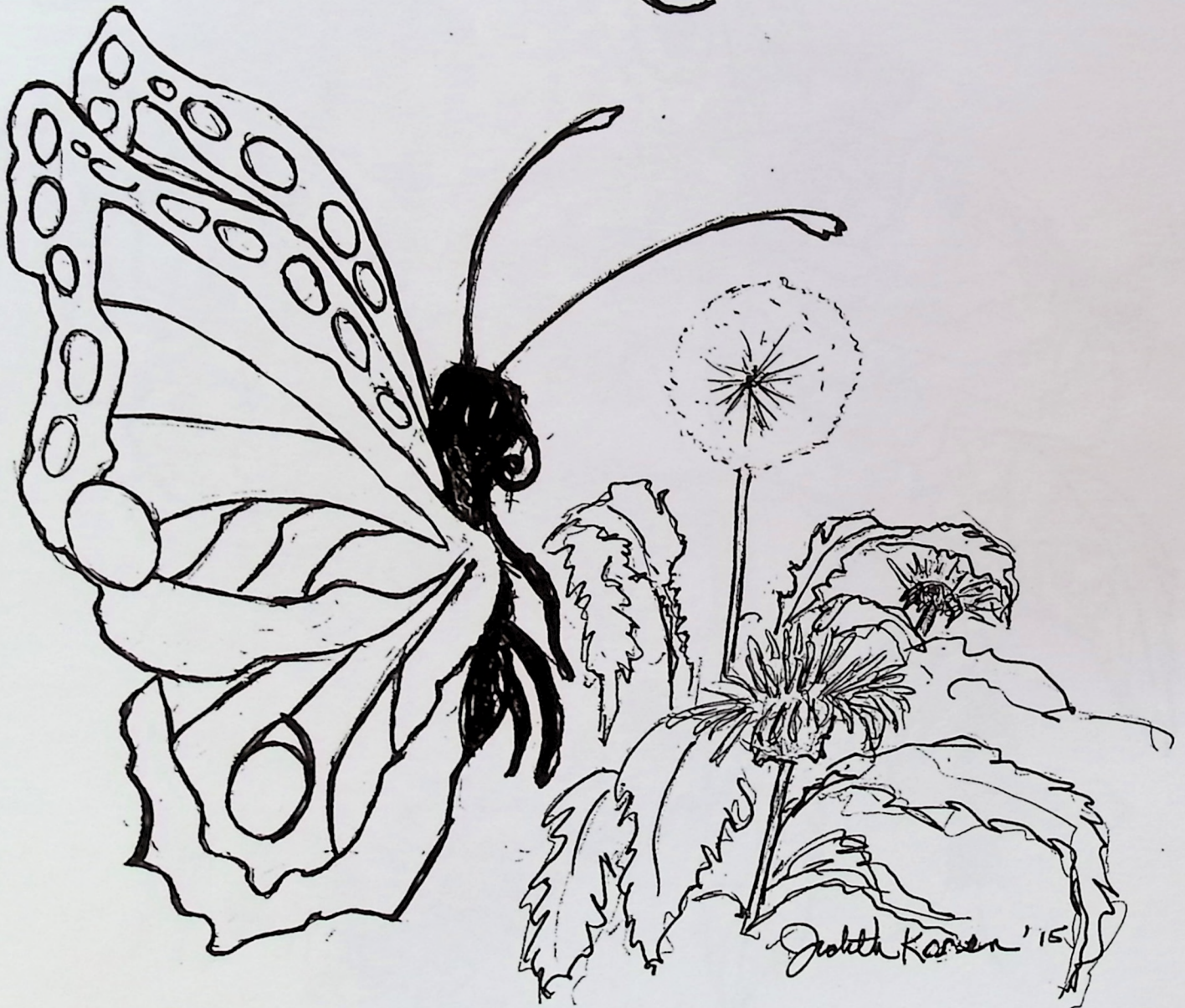


Joelle Kauer
2015



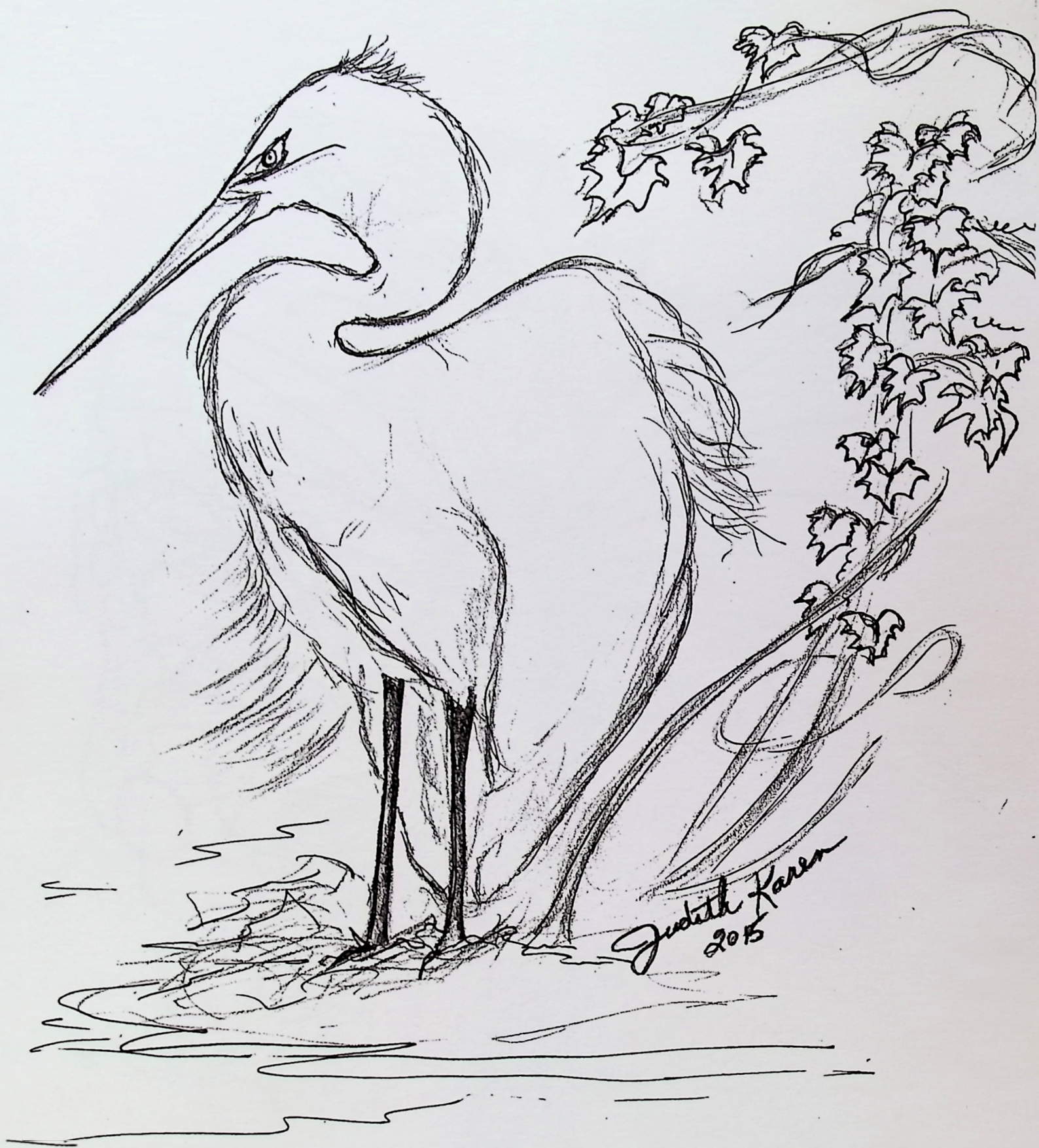


Judith Karm '15

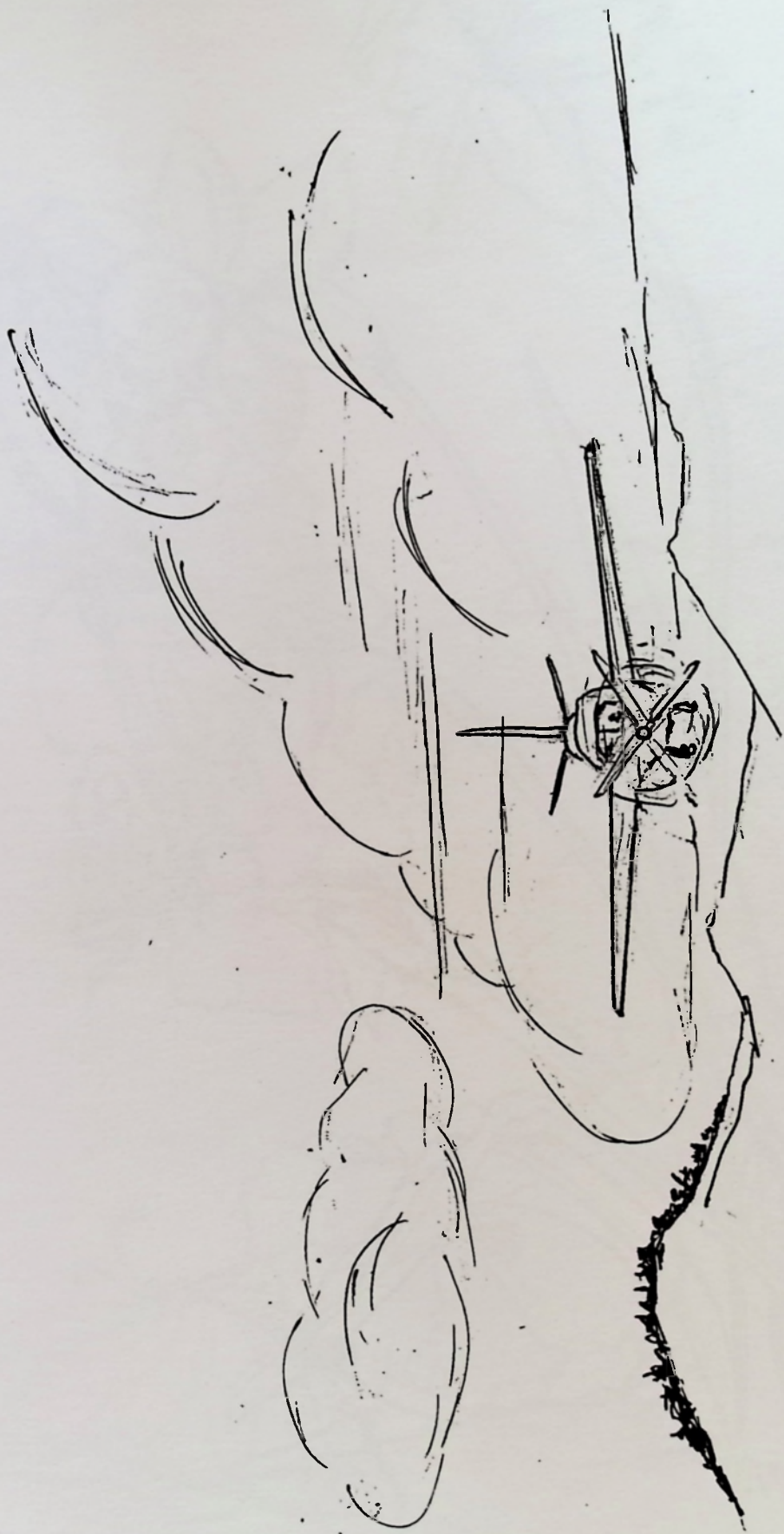




Judith Karen '15



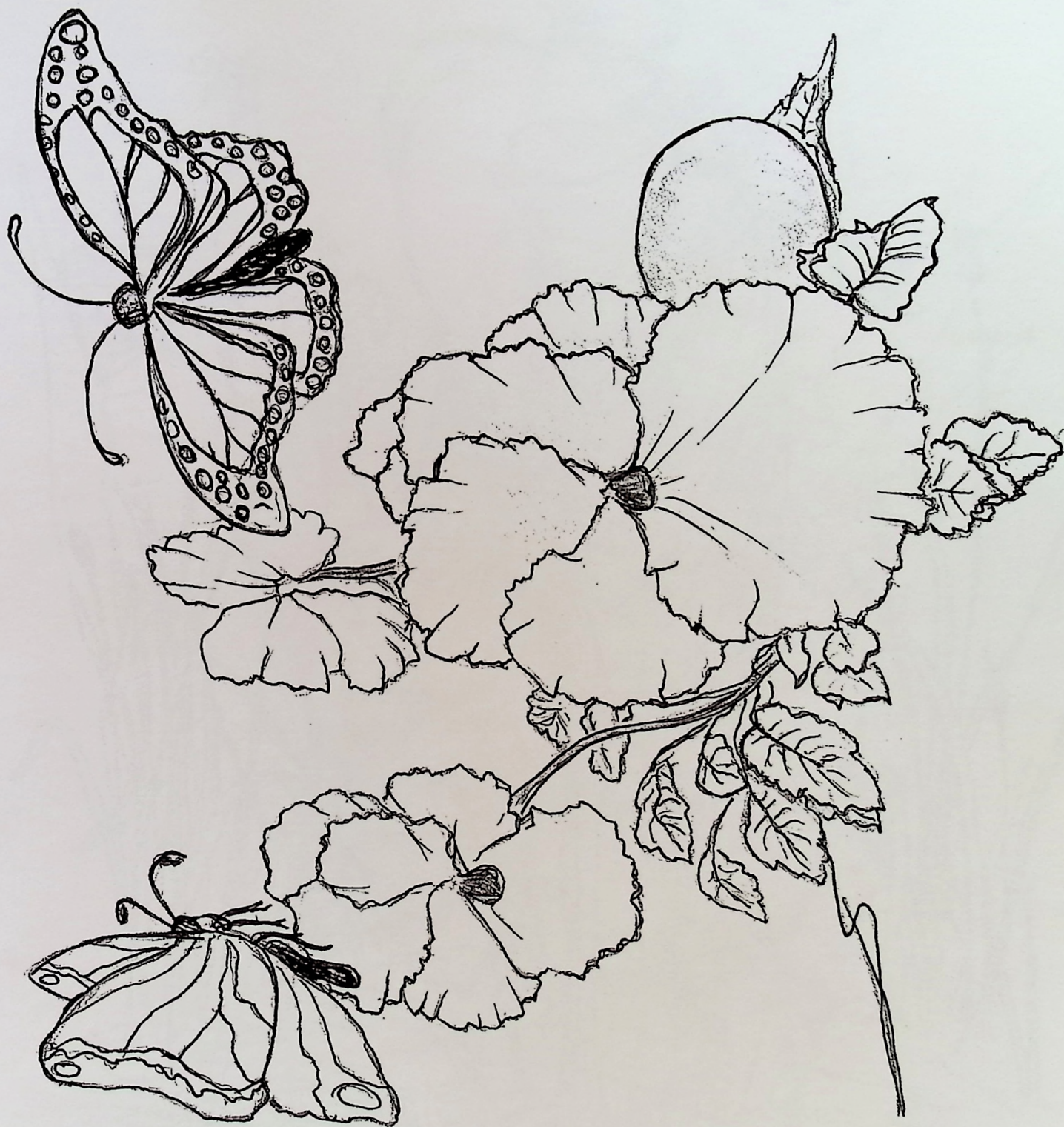
Judith Karen
2015



Judith Karen '15



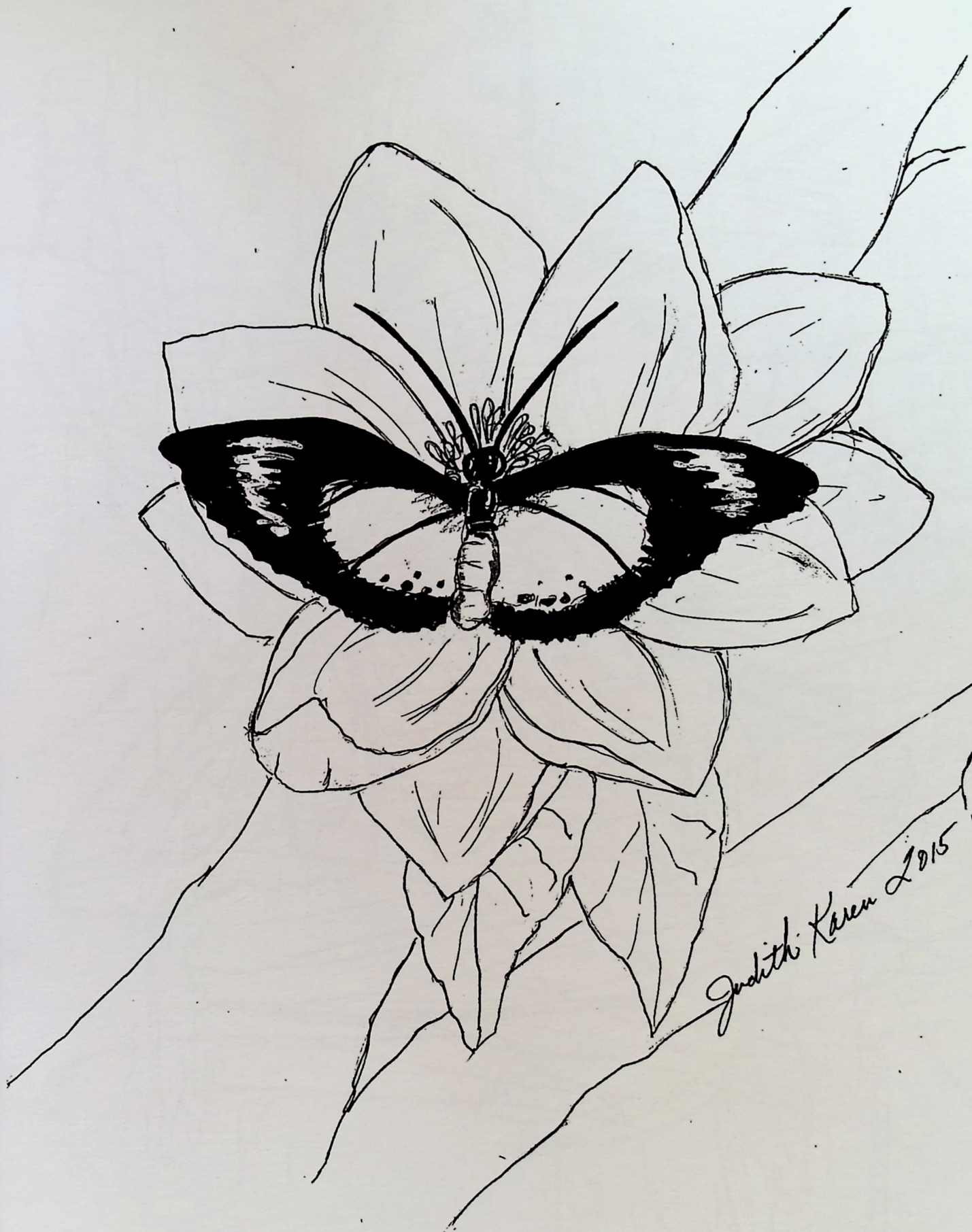
Judith Kauer
2010.















Judith Karen '15



A List of plants to help the Bees !



Winter Heather
Naples
Willow
Dandelion *
Blackberry
Clover *
Chives *
Honeysuckle
Calendula
Borage
catmint
Lavender
Sylvia
Lemon balm
Shasta Daisy
Sunflower
Yarrow

**Most Nutricious*

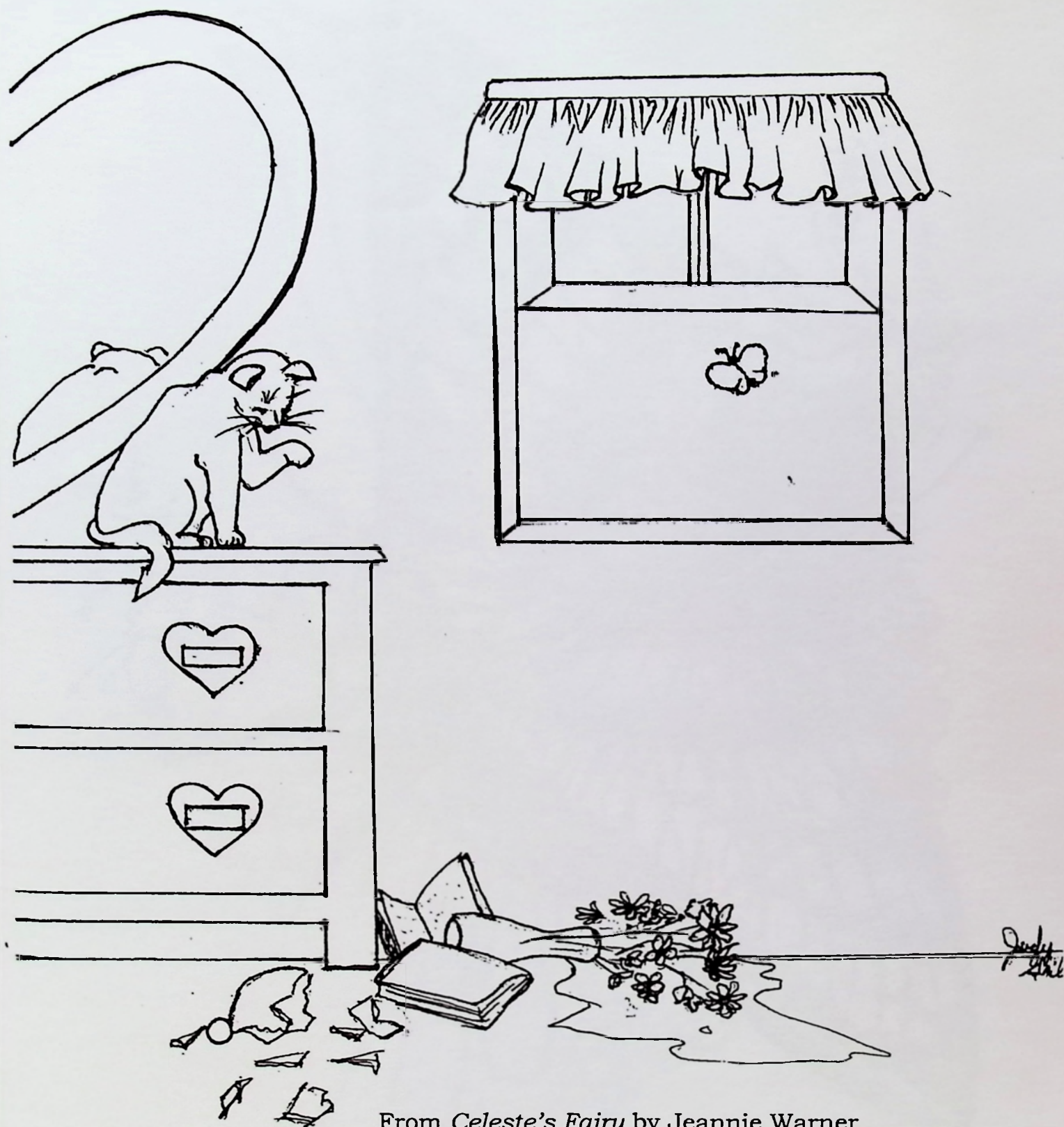
*** See page 30*

*This picture is from **When Bella Lost Her Buzz**
by Carol Faye Teitlebaum, Illustrated by Judith Karen*



Jessith Karen '15





From *Celeste's Fairy* by Jeannie Warner,
Illustrated by Judith Karen



Print your name just over the Heron to make a door sign!



Homemade Liquid Miracle Grow Concentrate

1 Gallon of Water

1 T Epsom Salts

1 tsp Baking Soda

½ tsp Ammonia

1 T Powdered Milk

Mix all ingredients together, except for the powdered milk.

For a spray container...Mix 1oz of concentrate with 3 cups water and 1 T powdered milk, add to container.

For manual feedings..Mix 1/2 oz of concentrate and 1 T powdered milk to 1 gallon water.

Store your concentrate in a jug and add the powdered milk only when ready to use. This prevents spoilage.

Weed Killer Homemade

1 Gallon Vinegar

2 Cups Epson Salt

¼ Cup Dawn Dish Soap

Mix and spray in the morning after the dew has evaporated.

BUTTERFLY GARDEN PLANT LIST

Black-eyed Susan - *Rudbeckia hirta*

Blue Wildrye - *Elymus glaucus*

Butterfly Bush - *Buddleia davidii*

California Buckeye - *Aesculus californica*

Cardonna Blue Sage - *Salvia nemorosa*
'caradonna'

Catmint - *Nepeta faassenii*

Coreopsis Coreopsis - *sp. C. verticillata*

Dwarf Goldenrod - *Solidaga canadensis*

Dwarf Maidengrass - *Miscanthus sinensis*

Gay Feather - *Liatris spicata*

Idaho Fescue - *Festuca idahoensis*

Joe Pye Weed - *Eupatorium maculatum*

Junegrass - *Koeleria macrantha* (formerly
Koeleria cristata)

Jupiter's Beard - *Centranthus ruber*

Lavender - *Lavandula angustifolia*

Mexican Sunflower - *Tithonia rotundifolia*

Michaelmas Daisy - *Aster novi-belgii*

Milkwood - *Asclepias sp.*

Oregano - *Oreganum vulgare*

Ornamental Oregano - *Origanum x 'Rotkugel'*

Perennial Sage - *Salvia superba*

Purple Cone Flower - *Echinacea purpurea*

Rockrose - *Cistus purpureus*

Rose of Sharon - *Hibiscus syriacus*

Shasta Daisy - *Chrysanthemum maximum*

Sulfur Flower (buckwheat) - *Eriogonum*

umbellatum

Sweet William - *Dianthus barbatus*

Vervain (Purple top) - *Verbena*

Yarrow - *Achillea millefolium*



Bird Buffet.

Amaranth - *Amaranthus sp.*

Morning Glory - *Ipomoea sp.*

Sorghum - *Sorghum bicolor*

Sunflower - *Helianthus*

Gardeners!

Please try to resist tidying away the hollow plant-stems in your garden until next year. They may have tiny bees hibernating inside!!!

Info from Gardening for Bees
www.buzzaboutbees.net



Phoenix Garden Club, 4th Thursdays, Phoenix Library, 7pm